

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022119\
 Data File : VD060890.D
 Acq On : 21 Feb 2019 19:21
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 22 07:52:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 07:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.77	168	2014762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.95	114	2874174	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.15	117	2402069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.31	152	1239529	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.19	65	1423250	69.48	ug/l	0.00
Spiked Amount			Recovery	=	138.96%	
35) Dibromofluoromethane	6.65	113	2137041	97.13	ug/l	0.00
Spiked Amount			Recovery	=	194.26%	
50) Toluene-d8	10.18	98	5322249	97.45	ug/l	0.00
Spiked Amount			Recovery	=	194.90%	
62) 4-Bromofluorobenzene	13.35	95	2030278	87.26	ug/l	0.00
Spiked Amount			Recovery	=	174.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.56	85	2088117	72.978	ug/l	99
3) Chloromethane	1.73	50	1253402	69.160	ug/l	99
4) Vinyl Chloride	1.82	62	1188413	78.364	ug/l	100
7) Trichlorofluoromethane	2.46	101	1483321	46.320	ug/l	100
8) Diethyl Ether	2.77	74	746148	143.785	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.03	101	2088010	118.727	ug/l	100
10) Methyl Iodide	3.19	142	3524941	168.799	ug/l	100
11) Tert butyl alcohol	3.88	59	490296	440.749	ug/l	99
12) 1,1-Dichloroethene	3.02	96	1781535	140.857	ug/l	95
13) Acrolein	2.93	56	797998	744.587	ug/l	97
14) Allyl chloride	3.47	41	2880712	101.337	ug/l	98
15) Acrylonitrile	4.01	53	1695211	416.452	ug/l	99
16) Acetone	3.11	43	2109768	483.169	ug/l	99
17) Carbon Disulfide	3.26	76	6998757	150.225	ug/l	99
18) Methyl Acetate	3.49	43	793477	108.489	ug/l	97
19) Methyl tert-butyl Ether	4.04	73	3660209	85.817	ug/l	100
20) Methylene Chloride	3.65	84	2253243	82.618	ug/l	97
21) trans-1,2-Dichloroethene	4.03	96	2003487	94.788	ug/l	97
22) Diisopropyl ether	4.85	45	6219277	81.542	ug/l	99
23) Vinyl Acetate	4.80	43	16035917	355.124	ug/l	98
24) 1,1-Dichloroethane	4.74	63	3126103	76.292	ug/l	99
25) 2-Butanone	5.81	43	2623121	404.663	ug/l	98
26) 2,2-Dichloropropane	5.76	77	2792035	72.588	ug/l	99
27) cis-1,2-Dichloroethene	5.78	96	2174977	99.371	ug/l	96
28) Bromochloromethane	6.17	49	1472306	84.225	ug/l	99
29) Tetrahydrofuran	6.19	42	1401262	434.978	ug/l	98
30) Chloroform	6.40	83	3798562	88.092	ug/l	95
31) Cyclohexane	6.69	56	2462759	71.590	ug/l	97
32) 1,1,1-Trichloroethane	6.61	97	2868089	75.838	ug/l	99
36) 1,1-Dichloropropene	6.89	75	2768960	79.034	ug/l	99
37) Ethyl Acetate	5.91	43	1245043	69.267	ug/l	98
38) Carbon Tetrachloride	6.86	117	2430472	67.877	ug/l	97
39) Methylcyclohexane	8.61	83	2838494	83.380	ug/l	96
40) Benzene	7.19	78	6956903	87.825	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	6.18	41	784624m	63.979	ug/l	
42) 1,2-Dichloroethane	7.31	62	1872501	61.519	ug/l	99
43) Isopropyl Acetate	8.99	43	1810431	79.283	ug/l #	97
44) Trichloroethene	8.29	130	2300961	97.519	ug/l	95
45) 1,2-Dichloropropane	8.69	63	1681689	79.522	ug/l	100
46) Dibromomethane	8.82	93	1169377	86.231	ug/l	97
47) Bromodichloromethane	9.12	83	2809668	82.798	ug/l	100
48) Methyl methacrylate	8.87	41	1028296	66.821	ug/l	93
49) 1,4-Dioxane	8.84	88	241034	2112.188	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	5190985	352.862	ug/l	98
52) Toluene	10.28	92	4190709	91.908	ug/l	100
53) t-1,3-Dichloropropene	10.68	75	2567187	84.533	ug/l	100
54) cis-1,3-Dichloropropene	9.79	75	2907797	83.472	ug/l	96
55) 1,1,2-Trichloroethane	10.96	97	1314666	97.068	ug/l	97
56) Ethyl methacrylate	10.81	69	1456552	84.099	ug/l	98
57) 1,3-Dichloropropane	11.18	76	2206310	89.097	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.62	63	3544710	405.812	ug/l	99
59) 2-Hexanone	11.31	43	3933538	363.020	ug/l	99
60) Dibromochloromethane	11.46	129	2095757	96.035	ug/l	99
61) 1,2-Dibromoethane	11.59	107	1529791	95.323	ug/l	98
64) Tetrachloroethene	11.02	164	1993491	88.336	ug/l	98
65) Chlorobenzene	12.19	112	4494337	90.090	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.29	131	1729316	80.230	ug/l	99
67) Ethyl Benzene	12.31	91	6857008	72.902	ug/l	99
68) m/p-Xylenes	12.45	106	4538614	143.570	ug/l	100
69) o-Xylene	12.84	106	2440329	81.162	ug/l	98
70) Styrene	12.87	104	4099229	84.451	ug/l	99
71) Bromoform	13.02	173	1416707	90.041	ug/l	100
73) Isopropylbenzene	13.20	105	6500123	71.869	ug/l	99
74) N-amyl acetate	13.06	43	2270780	69.168	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.50	83	1576044	87.965	ug/l	99
76) 1,2,3-Trichloropropane	13.52	75	1556065	76.235	ug/l	98
77) Bromobenzene	13.47	156	2199351	88.303	ug/l	99
78) n-propylbenzene	13.57	91	8169068	69.429	ug/l	98
79) 2-Chlorotoluene	13.63	91	4648671	71.398	ug/l	99
80) 1,3,5-Trimethylbenzene	14.04	105	5003186	66.702	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.27	75	498477	92.495	ug/l	95
82) 4-Chlorotoluene	13.74	91	4844466	65.464	ug/l	99
83) tert-Butylbenzene	13.99	119	6029880	72.203	ug/l	98
84) 1,2,4-Trimethylbenzene	14.04	105	5003186	66.702	ug/l	99
85) sec-Butylbenzene	14.16	105	6537024	71.493	ug/l	98
86) p-Isopropyltoluene	14.29	119	5715614	74.520	ug/l	98
87) 1,3-Dichlorobenzene	14.25	146	3886247	90.352	ug/l	99
88) 1,4-Dichlorobenzene	14.33	146	3814988	88.103	ug/l	98
89) n-Butylbenzene	14.60	91	4858556	62.018	ug/l	100
90) Hexachloroethane	14.80	117	1644417	79.613	ug/l	94
91) 1,2-Dichlorobenzene	14.61	146	2715143	73.897	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.18	75	226210	77.072	ug/l	97
93) 1,2,4-Trichlorobenzene	15.75	180	2273532	74.727	ug/l	98
94) Hexachlorobutadiene	15.84	225	1525791	57.914	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.93	128	3317604	81.749	ug/l	99
96) 1,2,3-Trichlorobenzene	16.07	180	1654507	67.285	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

